

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Currently Amended) The system of Claim 422, wherein the size of the icon is selected from a limited number of discriminably different sizes.
6. (Currently Amended) The system of Claim 422, wherein the size of the icon has said third means includes a continuously variable relationship between the size of the icon and with the third coordinate z.
7. (Currently Amended) The system of Claim 422, wherein the size of the icon is directly ~~correlated with~~ proportional to the third coordinate z, such that a larger value of the third coordinate z ~~correlates with~~ is represented on the display by a larger size of the icon.
8. (Currently Amended) The system of Claim 422, wherein the size of the icon is inversely ~~correlated with~~ proportional to the third coordinate z, such that a larger value of the third coordinate z is represented on the display by ~~correlates with~~ a smaller size of the icon.

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Currently Amended) A system for conveying aircraft altitude to a human observer, comprising:

~~a receiver-processor adapted to for receiving~~receive latitude, longitude, and altitude information, wherein the altitude information corresponds to an altitude of the aircraft relative to a geographic reference, wherein the processor is further adapted;

~~— a display; and~~

~~— a processor to convert the altitude information to an icon having a an icon characteristics~~shape that changes in response to the altitude information~~and to place the icon at coordinates corresponding to the latitude and longitude in said display, wherein the characteristic of the icon changes in response to changes in the altitude, wherein the relationship between the icon characteristic and the altitude is monotonic, wherein the characteristic of the icon which changes is a selected one of size, grayscale, intensity, or shape of the icon; and~~

a display coupled to the processor, wherein the processor is further adapted to represent the icon on the display at a position on the display indicative of the latitude and the longitude, wherein the icon represented on the display has the shape, which is indicative of the altitude of the aircraft relative to the geographic reference.

13. (Currently Amended) A method ~~for of~~ conveying location of an object, including ~~comprising~~:

receiving location information regarding the object, the location information including a first coordinate x , a second coordinate y , and a third coordinate z , wherein the third coordinate z represents an altitude of the object relative to a geographic reference;

correlating the first and second coordinates (x,y) with a location of an icon in a display;
and

correlating the third coordinate z with a characteristic of ~~shape~~ shape of the icon, wherein the icon characteristic shape changes in response to changes in the third coordinate z , and wherein the relationship between the icon characteristic and the third coordinate z is monotonic, wherein the characteristic of the icon which changes is a selected one of size, grayscale, intensity, or shape of the icon; and

displaying the icon on the display, wherein the displayed icon has the shape that changes in response to changes in the third coordinate z , and wherein the displayed icon has a position on the display indicative of the first and second coordinates (x,y) .

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled) ~~The system of Claim 9, wherein the characteristic of the icon which changes is shape of the icon and said third means is for correlating the third coordinate z with the shape of the icon.~~
23. (Canceled)
24. (Canceled)
25. (Canceled)
26. (Currently Amended) The method of Claim ~~25~~39, wherein the size of the icon is selected from a limited number of discriminably different sizes.
27. (Currently Amended) The method of Claim ~~39~~25, wherein said correlating ~~provides~~includes a continuously variable relationship between the size of the displayed icon and the third coordinate z .
28. (Currently Amended) The method of Claim ~~39~~25, wherein said correlating ~~includes~~provides a direct relationship between the size of the icon and the third coordinate z , such that a larger value of the third coordinate z results in a larger size of the displayed icon.
29. (Currently Amended) The method of Claim ~~39~~25, wherein said correlating ~~provides~~includes an inverse relationship between the size of the icon and the third coordinate z , such that a larger value of the third coordinate z results in a smaller size of the displayed icon.
30. (Canceled)
31. (Canceled)

32. (Canceled)
33. (Canceled)
34. (Canceled)
35. (Canceled)
36. (Canceled)
37. (Canceled)
38. (Canceled)
39. (New) The method of Claim 13, further including:
correlating the third coordinate z with a size of the icon, wherein the icon size changes in response to changes in the third coordinate z ; and
displaying the icon on the display, wherein the displayed icon has the shape and the size that both change in response to changes in the third coordinate z .
40. (New) The method of Claim 13, further including:
correlating the third coordinate z with a color of the icon, wherein the icon color changes in response to changes in the third coordinate z ; and
displaying the icon on the display, wherein the displayed icon has the shape and the color that both change in response to changes in the third coordinate z .
41. (New) The method of Claim 13, further including:
correlating the third coordinate z with an intensity of the icon, wherein the icon intensity changes in response to changes in the third coordinate z ; and

displaying the icon on the display, wherein the displayed icon has the shape and the intensity that both change in response to changes in the third coordinate z .

42. (New) The system of Claim 12, wherein the processor is further adapted to convert the altitude information to the icon having a size that changes in response to the altitude information, wherein the icon represented on the display has the shape and the size, both of which are indicative of the altitude of the aircraft relative to the geographic reference.

43. (New) The system of Claim 12, wherein the processor is further adapted to convert the altitude information to the icon having a color that changes in response to the altitude information, wherein the icon represented on the display has the shape and the color, both of which are indicative of the altitude of the aircraft relative to the geographic reference.

44. (New) The system of Claim 12, wherein the processor is further adapted to convert the altitude information to the icon having an intensity that changes in response to the altitude information, wherein the icon represented on the display has the shape and the intensity, both of which are indicative of the altitude of the aircraft relative to the geographic reference.